

OPINION 1817

***Clavella* Oken, 1815 and *Pennella* Oken, 1815 (Crustacea, Copepoda): conserved, and *Pennella diodontis* Oken, 1815: specific name conserved**

Keywords. Nomenclature; taxonomy; Copepoda; *Clavella*; *Pennella*; *Pennella diodontis*.

Ruling

(1) Under the plenary powers it is hereby ruled that:

(a) the following names are available despite having been published in a rejected work:

(i) the generic names:

(A) *Clavella* Oken, 1815;

(B) *Pennella* Oken, 1815;

(ii) the specific name *diodontis* Oken, 1815, as published in the binomen *Pennella diodontis*;

(b) the following type fixations by monotypy in Oken (1815) are valid:

(i) *Lernaea uncinata* Müller, 1776 as the type species of *Clavella* Oken, 1815;

(ii) *Pennella diodontis* Oken, 1815 as the type species of *Pennella* Oken, 1815.

(2) The following names are hereby placed on the Official List of Generic Names in Zoology:

(a) *Clavella* Oken, 1815 (gender: feminine), as ruled in (1)(a)(i)(A) above, type species by monotypy *Lernaea uncinata* Müller, 1776 (a junior subjective synonym of *Lernaea adunca* Strom, 1762), as ruled in (1)(b)(i) above;

(b) *Pennella* Oken, 1815 (gender: feminine), as ruled in (1)(a)(i)(B) above, type species by monotypy *Pennella diodontis* Oken, 1815, as ruled in (1)(b)(ii) above.

(3) The following names are hereby placed on the Official List of Specific Names in Zoology:

(a) *adunca* Strom, 1762, as published in the binomen *Lernaea adunca* (senior subjective synonym of the specific name of *Lernaea uncinata* Müller, 1776, the type species of *Clavella* Oken, 1815);

(b) *diodontis* Oken, 1815, as published in the binomen *Pennella diodontis* (specific name of the type species of *Pennella* Oken, 1815).

History of Case 836

An application for the conservation of the generic names *Clavella* and *Pennella*, both of Oken (1815), was received from Dr Z. Kabata (*Canada Department of Fisheries and Oceans, Pacific Biological Station, Nanaimo, B.C., Canada*) on 10 August 1993. After correspondence the case was published in BZN 50: 273–276 (December 1993). Notice of the case was sent to appropriate journals.

Comments in support from Dr G.A. Boxshall (*The Natural History Museum, London, U.K.*) and Dr Dale W. Rice (*U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Mammal Laboratory, Seattle, Washington, U.S.A.*) were published in BZN 50: 285–286 (December 1993) and 51: 338–339 (December 1994) respectively.

A comment by Mrs A. Gentry (*ICZN Secretariat, c/o The Natural History Museum, London, U.K.*), published in BZN 51: 339, pointed out that a number of generic names in several groups had previously been conserved from vol. 3 of Oken's (1815–1816) *Lehrbuch der Naturgeschichte* (cf. para. 2 of the application).

It was noted on the voting paper that *Pennella* Oken, 1815 was based on the single species *P. diodontis* Oken, 1815, which has been cited by most recent authors as the type species and as a valid name (para. 5 of the application and comments by Drs Boxshall and Rice). It was therefore desirable to conserve the specific name of *P. diodontis* Oken, 1815, in addition to the generic names *Clavella* and *Pennella*. This proposal was added, as (1)(c), to (1)(a) and (b) in para. 8(1) on BZN 50: 275.

It was also noted that the fixation of *Lernaea uncinata* Müller, 1776 as the type species of *Clavella*, and that of *Pennella diodontis* Oken, 1815 as the type species of *Pennella*, had been given in the application (Proposals (2)(a) and (b)) as being 'by monotypy'. However, Oken (1815–1816) is a rejected work and is not available for nomenclatural acts. The Commission was therefore requested to rule that the type fixations by monotypy in Oken (1815) for *Clavella* and *Pennella* are valid.

Decision of the Commission

On 1 March 1995 the members of the Commission were invited to vote on the proposals published in BZN 50: 275, with the addition of (c) to proposal (1) and the amendments to (2)(a) and (b) noted above. At the close of the voting period on 1 June 1995 the votes were as follows:

Affirmative votes — 23: Bock, Bouchet, Cocks, Corliss, Dupuis, Hahn, Heppell, Holthuis, Kabata, Kraus, Lehtinen, Macpherson, Mahner, Martins de Souza, Minelli, Nielsen, Nye, Ride, Savage, Schuster, Starobogatov, Štys, Thompson

Negative votes — none.

No votes were received from Cogger, Halvorsen, Trjapitzin and Uéno.

Bayer was on leave of absence.

Dupuis commented that the case demonstrated that it was often ill-advised to reject a work such as that by Oken.

Original references

The following are the original references to the names placed on Official Lists by the ruling given in the present Opinion:

adunca, *Lernaea*, Strom, 1762, *Physik og oekonomisk beskrivelse over fogderiet Søndmor, beliggende i Bergens stift i Norge*, part 1, p. 167.

Clavella Oken, 1815, *Lehrbuch der Naturgeschichte*, vol. 3 (Zoologie), part 1, p. 358.

diodontis, *Pennella*, Oken, 1815, *Lehrbuch der Naturgeschichte*, vol. 3 (Zoologie), part 1, p. 358.

Pennella Oken, 1815, *Lehrbuch der Naturgeschichte*, vol. 3 (Zoologie), part 1, p. 358.

The following is the reference for the fixation of *Lernaea uncinata* Müller, 1776 as the type species of *Clavella* Oken, 1815, and of *Pennella diodontis* Oken, 1815 as the type species of *Pennella* Oken, 1815:

Oken, L. 1815. *Lehrbuch der Naturgeschichte*, vol. 3 (Zoologie), part 1, p. 358.